



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 25]

नं. बिल्ली, राजिकार, जून 21, 1975 (ज्येष्ठ 31, 1897)

No. 25]

NEW DELHI, SATURDAY, JUNE 21, 1975 (JYAISTHA 31, 1897)

इस भाग में चिन्ह पृष्ठ संलग्न दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बंधित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 21st June 1975

CORRIGENDUM

(1)

In the Gazette of India, Part-III, Section 2, dated the 8th February, 1975 in page 97, Column 1, under the heading "Cessation of Patents".

Delete No. 105027.

(2)

In the Gazette of India, Part III, Section 2 dated the 21st July 1973 in page 378 column 2 under the heading "Cessation of Patents"

Delete No. 109279.

(3)

In the Gazette of India Part III Section 2, dated the 2nd February 1974 in page 73 column 2 under the heading 'cessation of patents'.

Delete No. 128499.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

15th May, 1975

973/Cal/75. S. Singh. Improvements in or relating to locking devices for wheels of motor cars, scooters and the like and the hub caps of motor "car wheels".

974/Cal/75. Westinghouse Electric Corporation. Electrical measuring instrument.

975/Cal/75. Union Carbide Corporation. Grain refining of aluminium.

117GI/75

976/Cal/75. The Lucas Electrical Company Limited. Assembly line system. (May 18, 1974).

977/Cal/75. The Lucas Electrical Company Limited. Conveyor unit. (May 18, 1974).

978/Cal/75. Bristol-Myers Company. Process for the preparation of antibacterial agents. (June 5, 1974).

979/Cal/75. N. V. Imexin S.A. A process for making a vibration damper.

980/Cal/75. Sandvik Aktiebolag. Cutting insert and cutting tool. (January 23, 1975).

981/Cal/75. Siemens Aktiengesellschaft. Improvements in or relating to housing for electric equipment. (March 11, 1975).

16th May 1975

982/Cal/75. Girling Limited. Improvements in differential pressure operated servo-boosters. (June 8, 1974).

983/Cal/75. RCA Corporation. Defect compensation systems.

984/Cal/75. Dr. Nani Gopal Nath. Cardiac Pacemaker.

985/Cal/75. A. P. Singh Rana. Metallographic specimen preparation for metals and alloys.

986/Cal/75. Stork Brabant B. V. A method for manufacturing metal screen cylinders in a galvanic bath, and a metal.

987/Cal/75. Chemetal Corporation. Cutting tools and method of making the same.

17th May, 1975

988/Cal/75. Uniroyal, Inc. Oligomerization of alpha-olefins.

989/Cal/75. Laboratories Andre Guerbet. Process for the preparation of new iodo benzene derivatives. (May 31, 1974).

19th May 1975

990/Cal/75 J N Arora Improvement in footwear soles & heels

991/Cal/75 ICI Australia Limited Compound (June 7 1974)

992/Cal/75 Bayer Aktiengesellschaft Method for adjusting the coagulation point of carboxylated latices

993 Cal 75 Schering Aktiengesellschaft Medicament carriers in the form of foil having active substance incorporated therein

994 Cal 75 Societe Des Mines Et Fonderies De Zinc De La Vieille Montagne [Societe Anonyme] Process for removing chlorine from a solution of zinc sulphate

995/Cal/75 The Lucas Electrical Company Limited Angular position transducers for use in engine timing controls (May 21 1974)

996/Cal/75 Snamprogetti S P A Separating butadiene from C4 hydrocarbon streams

997 Cal 75 Snamprogetti S P A Production of tertiary alkyl ethers

998/Cal 75 Snamprogetti S P A Production of alkyl tertiary butyl ethers

999/Cal 75 Snamprogetti S P A Process for producing tertiary alkyl ethers

1000/Cal 75 Snamprogetti S P A Separating acetylenic compounds from hydrocarbon mixtures

1001/Cal/75 Sandoz Ltd Improvements in or relating to organic compounds (May 20 1974)

20th May 1975

1002 Cal/75 Sri Naba Kumar Bandopadhyay Auto isolator for electrical power system

1003/Cal/75 American Cyanamid Company Pyrethrins insecticidal acaricidal novel compounds

1004/Cal/75 Chicago Pneumatic Tool Company Overspeed safety control mechanism for rotary tools

1005/Cal/75 Hambro Structural Systems Ltd Joint (June 11 1974)

1006/Cal/75 Atam Dewan Improvements in or relating to socket

1007/Cal/75 J R Chhabra Internal combustion engine

1008/Cal/75 Aquacire Private Limited Sealing rings

1009 Cal/75 S N Khatariya Information card carrier device

1010/Cal/75 Union Carbide Corporation Hard facing of metal substrates

1011/Cal/75 Elk m Spigerverket A/S Smelting furnace

1012 Cal/75 Elkem-Spiger verket A S Smelting process and apparatus

1013 Cal/75 Armco Steel Corporation A system for the safe handling of pulverized coal

1014/Cal 5 'Cimicarbon B V Recycling process for the preparation of cyclohexanone oxime

1015 Cal/75 Imperial Chemical Industries Limited Electrolytic process (May 24 1974)

1016 Cal/75 Cassella Farbwerte Mainkur Aktiengesellschaft Soluble trisazo dyestuffs and their production and use

1017/Cal/75 Cassella Farbwerte Mainkur Aktiengesellschaft Soluble trisazo dyestuffs and their production and use

1018/Cal/75 Rhone Poulenc Industries Bicarbonation process

1019/Cal 75 R mano Rovere A manual seeder for cereals and similar

21st May 1975

1020/Cal/75 Council of Scientific and Industrial Research Ultra safe blasting circuit tester.

1021/Cal/75 Girling Limited Improvements in vehicle brakes (May 24 1974)

1022/Cal 75 Bayer Aktiengesellschaft [1-imidazolyl-(1)]-[2-(4'-chlorophenyl)-phenoxy] 4 4 dimethyl-pentan-3 one and its salts a process for their preparation and their use as medicaments

1023/Cal/75 Bayer Aktiengesellschaft [1-imidazolyl (1)]-[1 4 (4'-chlorophenyl) phenoxy] 3 3 dimethyl butan 2 one and its salts a process for their preparation and their use as medicaments

1024 Cal/75 Societe Nationale Des Petroles D'Aquitaine Apparatus for recording in a digital form signals detected during magneto telluric prospection (May 12 1975)

1025/Cal/75 Messerschmitt-Bolkow-Blohm Gesellschaft mit beschränkter Haftung and Gesellschaft für Kernforschung mit beschränkter Haftung A method for the production of nozzles primarily for the separation of isotopes (March 24 1975)

1026/Cal/75 American Brands Inc Shaped tobacco product package

1027/Cal/75 Telefonaktiebolaget L M Ericsson SPC Telecommunication system

1028/Cal 75 Siemens Aktiengesellschaft A magnet for energisation by alternating current

1029/Cal/75 Rutite Strike B V A wire thread inserting nozzle

1030 Cal 75 Wheelabrator Frve Inc A blade for use with a centrifugal blasting wheel [Divisional date May 21 1975]

APPLICATION FOR PATENTS FILED AT THE
(MADRAS BRANCH)

8th May 1975

70/Mas 75 D G Palnitkar Umbrella holder

71/Mas/75 Dr G Palnitkar Mosquito net stand 9th May 1975

72/Mas/75 I J Abraham Novel winder for warp

73/Mas 75 Y Sheriff Tu bo economizer

12th May 1975

74/Mas/75 K R K Murthy Stripping rollers (SRI BRAND)

75/Mas 75 I J Abraham Novel winder for weft 13th May 1975

76/Mas 75 S Venkatesan The closed circuit water engine 14th May 1975

77/Mas 75 Registrar Indian Institute of Science A logic tester

78/Mas/75 Mehter M Islam Improved ecological aerosol container

79/Mas/75 Maini Precision Products Pvt Ltd Automatic voltage monitor cut-out unit for electrical appliances—ABHAY

ALTERATION OF DATE

137318 136/Cal/75 Ante-dated to 12th October, 1973

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules 1972 before the expiry of the said period of four months give notice to the Controller of Patents *at the appropriate office* as indicated in respect of each such application on the prescribed form 15 of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patent Rules 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot 8 Kuan Sankar Roy Road Calcutta in due course. The price of each specification is Rs 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Type or photo copies of the specifications together with photo copies of the drawings if any can be supplied by the Patent Office Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F +F b & 55F +F IC CO7d 53/04 82715

PROCESS FOR THE MANUFACTURE OF BENZODIAZEPINE DERIVATIVES

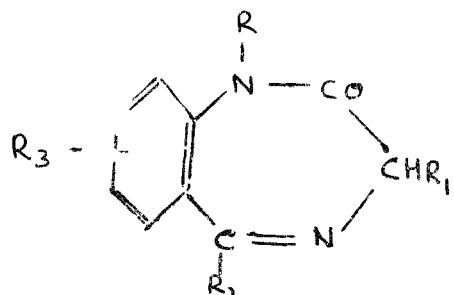
F. HOFFMANN LA ROCHE & CO AKTIENGESELLSCHAFT OF 124184 GRENZACHERSTRASSE BASLF SWITZERLAND

Application No. 82715 filed June 12 1967

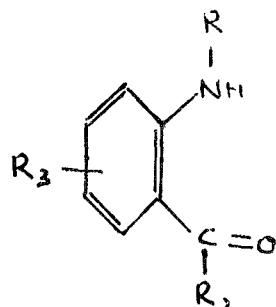
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Calcutta

7 Claims

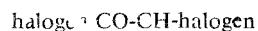
A process for the preparation of benzodiazepine derivatives of the general formula I



wherein R and R₁ represent hydrogen or alkyl groups, R represents a furyl, pyrrolyl, thienyl or pyridyl radical and R represents hydrogen, halogen, nitro or alkoxy radicals, and acid addition salts thereof which process comprises reacting a ketone of the general formula III



wherein R represents hydrogen or alkyl group, R represents a furyl, pyrrolyl, thienyl or pyridyl radical and R represents a hydrogen atom, a halogen atom, a nitro group or an alkoxy radical with a haloacyl halide of the general formula



forming the resultant haloacyl amino derivative obtained with ammonia and cyclizing the amino acylamino derivative formed by the application of heat and if desired transforming in a known manner is herein described the reaction product into an acid addition salt.

CLASS 32F +F b IC CO7d 37/10 37/14 90481

PROCESS FOR PREPARING 9-AMINOALKYLARIDANS AND SALTS THEREOF

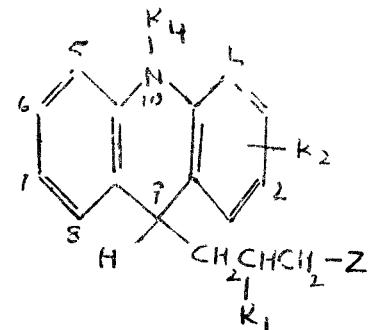
SMITHKLINE CORPORATION FORMERLY KNOWN AS SMITH KLINE & FRENCH LABORATORIES OF 1500 SPRING GARDEN STREET CITY OF PHILADELPHIA, ZONE 1 COMMONWEALTH OF PENNSYLVANIA, UNITED STATES OF AMERICA

Application No. 90481 filed October 23 1963

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Calcutta

4 Claims

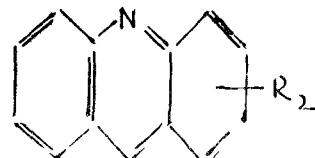
The process of preparing 9-aminoalkylaridans having the formula II



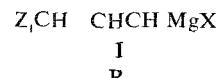
and salts thereof in which

R₁ is hydrogen or methyl, R₂ is hydrogen, halogen having an atomic weight of less than 80, lower alkyl, lower alkoxy, trifluoromethyl, trifluoromethylsulfonyl, dimethylsulfamoyl or lower alkylthio, R₃ is hydrogen, lower alkanoyl, benzoyl, carbamoyl or carbalkoxy and

Z is a basic nitrogen containing radical of not more than 15 carbon atoms which comprises aminoalkylating an acridine having the formula IV



in which R₂ is as defined above with an alkylaminoalkyl magnesium halide having the formula



in which R₁ is hydrogen or methyl, Z₁ is a basic nitrogen containing radical of not more than 15 carbon atoms or yields such a radical and X is halogen and to prepare the compounds in which R₂ is lower alkanoyl, benzoyl, carbamoyl or carbalkoxy reacting with a lower alkanoyl, benzoyl, carbamoyl or carbalkoxy halide and to prepare the salts reacting the resultant product with acids such as described herein

CLASS 32F₁+F₂b, I.C.-CO7C 43/20.

92484

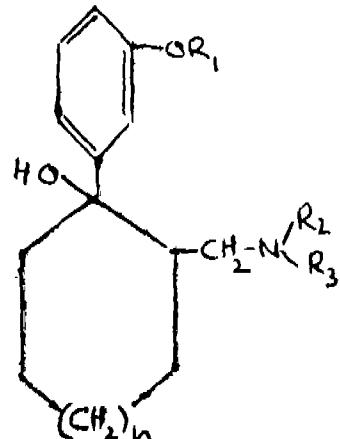
PROCESS FOR PREPARING PHENOL ETHERS
CONTAINING BASIC GROUPSCHEMIE GRUNENTHAL GMBH, OF 519, STOLBERG
IM RHEINLAND, WEST GERMANY.

Application No. 92484 filed February 26, 1964.

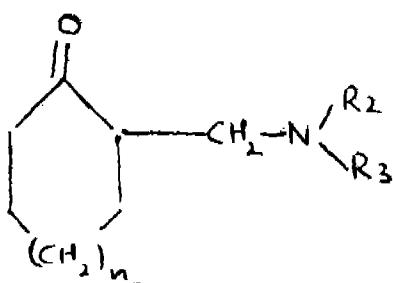
Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

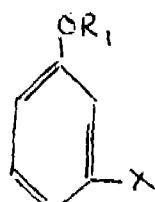
The process for the preparation of phenol ethers containing basic groups of the general formula I.



wherein R₁ indicates an alkyl radical containing 1-3 carbon atoms or an aralkyl radical, R₂ and R₃ have the same or a different meaning and represent alkyl radical containing 1, 6 carbon atoms or aralkyl radicals or represent together and including the nitrogen atom a morpholine or pyrrolidine group and n represents the numbers 0, 1, or 2 and the esters of these compounds with hydrogen halides or lower alkanic acids as well as salts of these compounds with acids, which comprises reacting a compound of the general formula II.



wherein R₂, R₃ and n have the same meanings as indicated above with a compound of the general formula III.



wherein R₁ has the same meaning as indicated above and wherein X represents a lithium atom or the group MgHal wherein Hal represents a halogen atom in presence of an ether, hydrolyzing in a manner known *per se* as herein described the intermediate thus obtained which compounds can be converted into salts with acids by conventional manner.

CLASS 32F₂b, I.C.-CO7d 31/42.

101836

PROCESS FOR THE PREPARATION OF (3, 4-DISUBSTITUTED PHENYL) LOWER ALKYLAMINOPYRIDINES.

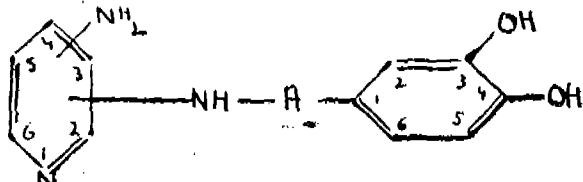
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 101836 filed October 6, 1965.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

A process for the preparation of (3, 4-dihydroxy phenyl) lower alkylamino aminopyridines of the structure V.



(a) the condensation of a halonitropyridine (I, where X is a halogen) with (3, 4-diloweralkoxyphenyl) lower alkylamine (II, where A is a lower alkylene group) to give (3, 4-diloweralkoxyphenyl) lower alkylamino-nitropyridines (III);
(b) Reduction of III with Raney Nickel or Palladium catalyst or with ammonium, sodium or other alkali metal sulphides to give (3, 4-diloweralkoxyphenyl) lower alkylamino-aminopyridines (IV) followed by, (c) refluxing of IV with hydrohalo acids to give (3, 4-dihydroxyphenyl) lower alkyl-aminoaminopyridines (V).

CLASS 32F₂b, I.C.-CO7d 51/70.

101837

PROCESS FOR THE PREPARATION OF N-(AMINO-PYRIDYL) N'-SUBSTITUTED PIPERAZINES.

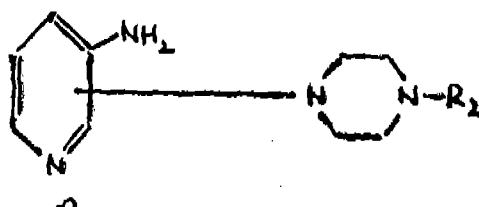
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 101837 filed October 6, 1965.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

A process for the preparation of N-(aminopyridyl)-N'-substituted piperazines of the structure (IV).



accompanying the provisional specification.

(wherein R₂ is a phenyl or an aminopyridyl radical with or without additional substituents like amino, halo, lower alkyl, lower alkoxy, hydroxy and trifluoromethyl at various positions of phenyl or aminopyridyl residue) and N-substituted piperazine part may be linked with 3-aminopyridyl residue (at position 2 or 4) by (a) reacting a halo nitropyridine (I) (where X is chloro) with N'-substituted piperazine (II), (where R is H, or phenyl or substituted phenyl with amino, halo, lower alkyl, lower alkoxy, hydroxy and trifluoromethyl substituents) in a solvent like chloroform, benzene and toluene in presence or absence of a base like triethylamine to give N-(nitropyridyl)-N'-substituted piperazines (III) (where R₁ is a nitropyridyl or a phenyl or a substituted phenyl group with substituents as described in II above) followed by (b) reduction of III as obtained above with H₂ using a Raney nickel or palladium catalyst to give the title compounds (IV) of this invention.

CLASS 32F,+F_a+F_b. I.C.-CO7C 169/02, 169/06, 108443
169/08, 169/10, CO7c 167/30.

PROCESS FOR PREPARATION OF NOVEL STEROIDAL TETRAHYDROFURYL ETHERS.

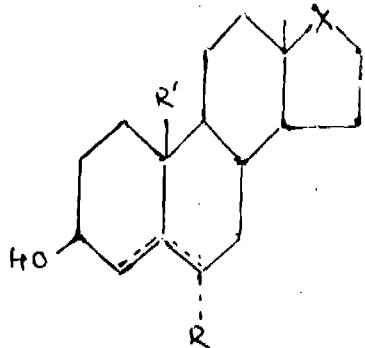
ORTHO PHARMACEUTICAL CORPORATION, AT RARITAN, NEW JERSEY, U.S.A.

Application No. 108443 filed December 14, 1966.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A process for preparing mono-(tetrahydro-2'-furyl) ethers of steroidal alcohols of the general formula XV.

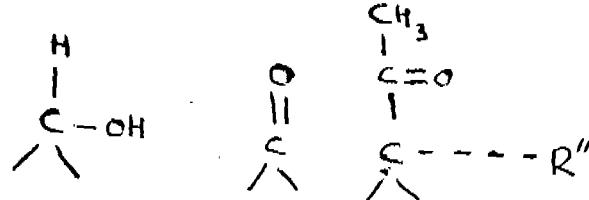


wherein R is H, methyl, ethyl, chlorine or fluorine, R' is hydrogen or methyl, X is group of formulae XVI, XVII or XVIII.

XVI,

XVII

XVIII



wherein R'' is hydrogen, hydroxy, lower alkoxy or lower acyloxy, having 1 to 7 carbon atom, there being only one double bond in the molecule, with the proviso that when the double bond is in the 5-6 position, then R is hydrogen and X is group of formulae XVI or XVII only, and with the further proviso that when the double bond is in the 4-5 position, then X is group of formula XVIII only.

characterized by reacting said alcohols of formula XV with at least one equivalent of 2, 3-dihydro furan or a tetrahydro-2'-furyl ester and a catalytic quantity of an acid..

CLASS 32F_b. I.C.-CO7d, 99/14. 110383

NOVEL PROCESS FOR PREPARATION OF 6-AMINO-PENICILLANIC ACID.

KONINKLIJKE NEDERLANDSCHE GIST-EN SPIRITU-SFABRIEK N. V. OF DELFT, THE NETHERLANDS.

Application No. 110383 filed April 25, 1967.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A process for the preparation of 6-amino-penicillanic acid and its salts, which comprises reacting a 6-acylamino-penicillanic acid or a salt thereof with a silylating agent, treating the obtained silyl ester in an anhydrous solvent with an acid halide in the presence of an acid binding agent and reacting the resulting product with an organic hydroxy compound of the formula HOR, wherein R is selected from the group consisting of alkyl of 1 to 12 carbon atoms and aralkyl of 7 to 14 carbon atoms to form an imino ether, subjecting said imino ether to alcoholysis or a mild hydrolysis by methods known *per se* to split the imino bond and to replace the silyl residue by hydrogen to form 6-aminopenicillanic acid or a salt thereof.

CLASS 32F,+F_b. I.C.-CO7d 99/14.

117728

PROCESS FOR THE PREPARATION OF 6-AMINO-PENICILLANIC ACID.

KONINKLIJKE NEDERLANDSCHE GIST-EN SPIRITU-SFABRIEK N.V., OF DELFT, THE NETHERLANDS.

Application No. 117728 filed September 17, 1968.

Addition to No. 110383.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Improvement of the process for the preparation of 6-amino-penicillanic acid according to patent application 110, 383 characterized by carrying out the reaction of the silyl ester of penicillin with a substance capable of forming an imino bond for example an acid halide or phosphorus pentahalide and by the fact that the reaction of the imido halide with an alcohol is carried out at temperatures not higher than -20°C.

CLASS 32C+F_a+F_b & 83A_a. I.C.-C12d 13/06. 125572

METHOD OF PRODUCING EDIBLE PROTEINACEOUS PRODUCTS, PROTEINS AND AMINO ACIDS BY CULTIVATING MICROORGANISMS.

MOBIL OIL CORPORATION, OF 150 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Application No. 125572 filed March 4, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A method of producing edible proteinaceous products, proteins and amino acids by cultivating microorganisms in a culture mixture in the presence of oxygen, the culture mixture comprising a water-in oil emulsion, the oil phase of which comprises a hydrocarbon and the water phase an aqueous mineral nutrient solution, the method comprising maintaining the emulsion near to inversion conditions in a manner such as herein described, while the microorganisms grow, then bringing the emulsion to the breakdown point in a manner such as herein described so as to separate the emulsion into an oil phase, a water phase and microorganisms, and recovering the edible proteinaceous products, proteins and amino acids in a known manner such as herein described.

CLASS 32C & 83A_a. I.C.-C12d 13/06. 125573

MICROBIOLOGICAL PRODUCTION OF PROTEINS AND AMINO ACIDS.

MOBIL OIL CORPORATION, OF 150 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Application No. 125573 filed March 4, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A method of producing proteins and amino acids by growing aerobic hydrocarbon consuming microorganisms in the presence of oxygen in a culture mixture comprising an oil-in-water emulsion, the oil phase of which comprises a hydrocarbon and the aqueous phase of which comprises an aqueous mineral nutrient solution, the method comprising maintaining the emulsion near to inversion conditions while the microorganisms grow, then bringing the emulsion to the breakdown point so as to separate the emulsion into an oil phase, an aqueous phase and microorganisms, and recovering the proteins and amino acids from the microorganisms in a known manner such as herein described.

CLASS 32F.4-F.2 & 55E. I.C.-CO7d 57/02,
CO7d 53/04, CO7d 55/06.

133149

2 Claims.

A METHOD FOR THE PRODUCTION OF TRIAZOLE BENZODIAZEPINE DERIVATIVES.

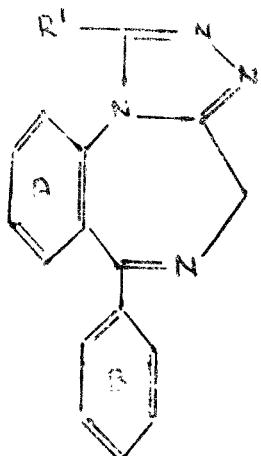
TAIHO CHEMICAL INDUSTRIES, LTD., OF 27,
KOBEMACHI 2-CHOME, HIGASHI-KU, OSAKA,
JAPAN.

Application No. 133149 filed October 6, 1971.

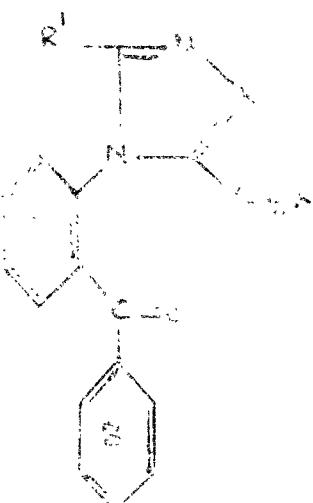
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

2 Claims.

A method for the production of triazolobenzodiazepine derivatives represented by the formula I



wherein R¹ stands for hydrogen or lower alkyl groups having 1-3 carbon atoms, and the rings A and/or B are unsubstituted or substituted by one or more substituents, same or different, of halogen, nitro, trifluoromethyl, alkyl or alkoxy which is substituted by reacting triazolylbenzophenone derivative represented by the formula II.



wherein R¹ and the rings A and B have the same meaning as defined above and X stands for halogen with ammonia or hexamethylenetetramine.

CLASS 32F.4-F.2, I.C.-CO7d 51/70.

133254

PROCESS FOR PREPARING DERIVATIVES OF 1-(2-HYDROXY-3-PHOENOXY- OR PHENYLTHIO-PROPYL)-PIPERAZINE.

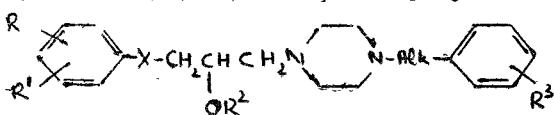
PFIZER CORPORATION, OF CALLE 15½, AVENIDA
INTA ISABEL, COLON, REPUBLIC OF PANAMA.

Application No. 133254 filed October 16, 1971.

Convention date November 6, 1970 (52855/70) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A process for preparing a compound of the formula I



in which R is an acylamino group;

R¹ is hydrogen, halogen or a lower alkyl group;

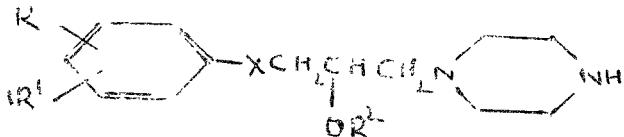
R² is hydrogen or a lower alkyl group;

R³ is hydrogen, halogen or a lower alkyl or alkoxy group;

A 4 divalent saturated aliphatic hydrocarbon group containing from 2 to 4 carbon atoms, the two valences being separated by a chain of at least 2 carbon atoms;

and X is oxygen or sulphur;

which comprises reacting an N-substituted pyridine of the formula VIII



in which R, R¹, X and R³ have the meanings assigned above, with a compound of the formula IX



in which Alk and R¹ are as defined above and X is chlorine, bromine or other suitable "leaving" group such as herein defined, and recovering a compound of the formula (I) as product.

CLASS 55B, I.C.-FO1p 11/00.

137298

A VALVE AND CLOSURE DEVICE FOR USE IN CONJUNCTION WITH A PRESSURIZED FLUID CIRCUIT.

SAF-GARD SYSTEMS, INC., OF 100 W. LONG LAKE ROAD, SUITE 210, BLOOMFIELD HILLS, MICHIGAN.

Application No. 1756/72 filed October 27, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims.

A valve and closure device for use in conjunction with a pressurized fluid circuit, which circuit is substantially sealed and includes a generally cylindrical filler neck providing fluid communication between the internal portion of the circuit and the ambient atmosphere, the filler neck having (1) one end opening to the ambient atmosphere, (ii) and opposite end opening into the internal portion of said circuit, (iii) a sealing surface adjacent the said one end, (iv) a main valve seat located between the said sealing surface and the said opposite end, (v) an overflow passage through the said filler neck at a location intermediate the said sealing surface and the said main valve seat, (vi) connection receiving means, the valve and closure device comprising :

a. a monolithic cap having integral therewith connection means for cooperating with the said connection receiving means to secure the cap over the one end of the filler neck, and first retention means;

b. first sealing means, located intermediate the cap and the sealing surface, for substantially inhibiting fluid flow into and out of the one end of the filler neck when the cap is secured over the one end of the filler neck;

c. a main spring one end of which is retained by the first retention means;

d. a pressure pad having second retention means for retaining the pressure pad to the second end of the main spring, a valving surface, and an auxiliary passage through the valving surface;

e. second sealing means, disposed intermediate the valving surface of said pressure pad and said main valve seat, for substantially inhibiting fluid flow between the internal portion of said circuit and said overflow passage except when the fluid pressure associated with the internal portion of said circuit exceeds the ambient atmospheric pressure by a first predetermined value;

f. an auxiliary valve means for cooperating with the auxiliary passage through said pressure pad and with said second sealing means to substantially inhibit fluid flow between the overflow passage and the internal portion of said circuit except when the difference between the ambient atmospheric pressure and the fluid pressure associated with the internal portion of said circuit exceeds a second predetermined value.

CLASS 34A. I.C.-B32d 1/00. 137294

CUSPATED SHEETS AND A PROCESS AND APPARATUS FOR MANUFACTURING THE SAME.

ICI AUSTRALIA LIMITED, OF 1, NICHOLSON STREET, MELBOURNE, VICTORIA, AUSTRALIA,

Application No. 1988/72 filed November 24, 1972.

Convention date November 29, 1971 (PA 7210/71) Australia.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

A cusped sheet which cusped sheet having two faces each comprising an array of tips of hollow projections wherein the tip of each projection is thicker than the parts of the sheet connecting the tips and wherein the ratio of height of cusp to maximum diameter of cusp is greater than 2 : 1.

CLASS 112D & 113H. I.C.-F23d 3/02. 137300

LOOP DEVICE

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 1667/72 filed October 19, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A loop device for use on wick-fed light producing appliances such as Deva lamp, hurricane lanterns, table lamps, railway signal lamps, which consists of a metallic or refractory ring of definite size and shape located at in around and/or above the passage of air fuel vapours at a distance from the wick.

CLASS 29C & 116C I.C.-A47e 23/10, B65g, 13/07, 11/08. 137301

ARTICLE CONVEYING APPARATUS.

LES. PARSONS & SONS (ENGINEERS) LIMITED, OF ASHBURNHAM WORKS BURRY PORT, SOUTH WALES, GREAT BRITAIN.

Application No. 240/Cal/73 filed February 1, 1973.

Convention date February 10, 1972 (6372/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Apparatus for feeding articles from a hopper of the kind hereinbefore referred to for feeding articles from a hopper having a pair of rails extending in the direction of the rollers between them with their upper parts below the upper surfaces of the rollers, said rails being adapted to support the articles

above the conveyor while being propelled by the carriers, said rails being of diminishing height to allow the articles to descend into the recesses in the carriers.

CLASS 50C & 125B2. I.C.-F25C 7/02. 137302

DEVICE FOR DISPENSING ICE

ALAN JAMES HOBBS, OF HOBIC HOUSE, SOMERFIELD ROAD, WEST THURROCK, GRAYS, ESSEX ENGLAND.

Application No. 314/Cal/73 filed February 13, 1973.

Convention date February 17, 1972 (7432/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims.

A device for dispensing ice, for example into a glass, comprising a refrigeration unit including a container forming an evaporator and having inlet and outlet openings for a fluid refrigerant, one or more moulds, at least a part of the internal surface of each mould being formed by a portion of an external surface of the container wall, means for supplying liquid to be frozen into the mould or moulds, and means for ejecting pieces of ice from the mould or moulds.

CLASS 102B & 134B. I.C.-B62J 3/14. 137303

STEERING MECHANISM FOR AUTOMOBILES.

DEFER & COMPANY, OF MOLINE, ILLINOIS, U.S.A.

Application No. 1857/Cal/73 filed August 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Steering mechanism for automobiles with a hydrostatic steering gear, which is connected on one hand to a primary cycle with hydraulic pump and collecting tank and on the other hand to a secondary cycle with at least one steering cylinder, whereby a valve block is mounted between hydrostatic steering gear and hydraulic pump in the primary cycle, characterised in that, that the valve block has in a hydraulic pipe a piston valve constructed in the form of a non-return valve, said piston valve having a bore which connects the hydraulic pipe with a drain channel or with a guiding control pipe and has a first sealing element which locks or cuts off the hydraulic pipe of the hydraulic pump from a delivery pipe of the steering gear and has also a second sealing element which locks or cuts off a hydraulic pipe of the steering gear from a hydraulic pipe or from a return channel to the collecting tank, in a first setting of the piston valve.

CLASS 117A+B+E I.C.-E05b, 21/00. 137304

A MECHANICAL CODED TRICK LOCK.

GLAVNA DIREKTZIA KBUMKP PRI SGNS OF 11 IDANOV STR. SOFIA, BULGARIA.

Application No. 1882/72 filed November 13, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A mechanical coded trick lock in which there is a magazine, whose base has a smaller or greater number of holes in which pins are placed, which pins are supported by springs, whose ends lie on the matrix, and in the upper part of the coding block is mounted, including the upper matrix, the lower matrix and the grid located between the two matrices and in the holes of the coding block are placed cylinders, which are supported by the springs and the mechanical coded trick lock is brought into operation by inserting the key in the slit.

CLASS 100. I.C.-B01f 11/00. 137305

REGULATING DEVICE FOR PNEUMATIC VIBRATORS

AKTIEBOLAGET VIBRO-VERKEN, OF BOX 1103, S-171 22 SOLNA, SWEDEN.

Application No. 2036 filed November 30, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A valve device for regulating the flow of air through a pneumatic vibrator of the type comprising a casing, a vibration generating body in said casing rotatably and eccentrically arranged in relation to the axis of said casing, a passage through the casing enabling said air to pass through the casing and to rotate said body eccentrically in said casing thereby generating circular vibrations, the valve device comprising a regulating roller body enclosed in the casing and eccentrically arranged in relation to the axis of the casing, characterized in a valve member interposed in the passage through the casing for the air said valve member being slidably housed in the casing and having a first sloped race with regard to the longitudinal geometrical axis of the casing, one of the casing and the vibration generating body defining a second sloped race with regard to said longitudinal geometrical axis but in opposite direction with regard to said first race and a roller body housed in the casing eccentrically with regard to said longitudinal geometrical axis and between said two races and capable of longitudinally moving said valve member with regard to said passage to be capable of blocking the same.

CLASS 32E. I.E.-CO8f; 19/02.

137306

PROCESS FOR INTRODUCING AMINOMETHYL GROUPS INTO AN AROMATIC ADDITION POLYMER.

ROHM AND HAAS COMPANY, OF INDEPENDENCE MALL WEST, PHILADELPHIA PENNSYLVANIA 19105, UNITED STATES OF AMERICA.

Application No. 335/72 filed May 27, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A process for introducing aminomethyl groups into an aromatic addition polymer which comprises reacting the polymer with at least a 1/2 molar quantity per mole of aromatic nuclei of a halogen free acylaminomethylating agent such as hereinbefore described, in the presence of a swelling agent such as hereinbefore described, for the polymer and an acidic catalyst to form the corresponding acylaminomethylated polymer, and thereafter removing acyl groups from the acylaminomethylated polymer by hydrolysis to form the corresponding aminomethylated polymer.

CLASS 32A., 62C., 144E+154H. I.C.-CO9b 29/00, 137307
43/00.

PROCESS FOR THE PREPARATION OF NEW MODIFICATION OF MONOAZO PIGMENT.

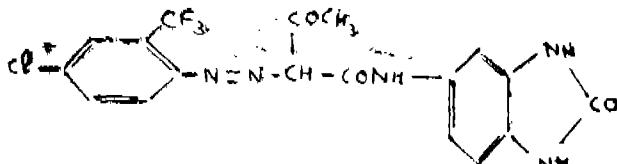
HOECHST AKTIENGESELLSCHAFT OF 6230 FRANKFURT/MAIN, 80 FEDERAL REPUBLIC OF GERMANY.

Application No. 898/72 filed July 18, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for the preparation of a monoazo pigment of the formula (1).



in its new β -modification which is characterized by an X-ray diffraction spectrum produced by Cu-K α rays, which shows a high intensity peaks at a Bragg angle of 13.0°, medium intensity peaks at Bragg angles of 5.6°, 8.7°, 10.4°, and 11.2°, and low intensity peaks at Bragg angles of 6.4°, 7.6°, 7.8°, 8.8°, 9.3°, 9.85°, 11.4°, 11.7°, 12.45°, 13.4°, 13.7°, 14.4°, and 14.7°, process which comprises heating the α -modification of the monoazo pigment having the same formula, in a suspension, optionally with an addition of cationic or anionic surfactants, at temperatures of from 25° to 200°C, preferably from 125° to 150°C.

CLASS 32A., I.C.-CO9b, 29/16.

137308

A PROCESS FOR THE MANUFACTURE OF AZO DYE-STUFFS.

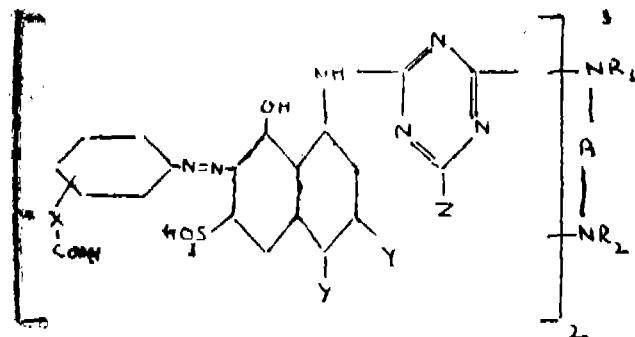
CIBA-GEIGY AG, OF 141 KLYBECKSTRASSE, BASLE, SWITZERLAND.

Application No. 1040/72 filed August 1, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A process for the manufacture of fibre-reactive azo dye-stuffs of the formula (4).



wherein X is a direct bond or a low molecular alkylene group or an alkenylmercapto or alkyleneoxy group containing a low molecular alkylene radical, one Y is a hydrogen atom and the other Y is the sulphonate acid group, Z is a halogen atom, R, and R₂, each is a hydrogen atom or a low molecular alkyl radical and A is an alkylene or arylene radical, which process comprises carrying out in optional sequence one or more of the following partial reactions:—

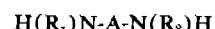
(i) coupling the diazo compound of an amine of the formula (6).



with 1-amino-8-hydroxy-naphthalene-3, 6- or -4, 6-disulfonic acid;

(ii) condensing the 1-amino-8-hydroxy-naphthalene-3, 6- or -4, 6-disulfonic acid with a 2, 4, 6-trihalogeno-s-triazine;

(iii) condensing the 2, 4, 6-trihalogeno-s-triazine with a diamine of the formula (8).



and (iv) condensing the diamine of formula (8) with a further 2, 4, 6-trihalogeno-s-triazine which itself is condensed with a further 1-amino-8-hydroxy-naphthalene-3, 6- or -4, 6-disulfonic acid which is coupled with a further diazo compound of an amine of the formula (6), to give compounds of formula (4) shown in the drawings.

CLASS 67C & 190C. I.C.-H02k 7/18

137309

FO3b, 3/00, 13/00.

TURBO-GENERATORS AND PARTICULARLY TURBO-GENERATORS HAVING TURBINES WITH VARIABLE BLADE-PITCH PROPELLERS.

SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, GERMANY (WEST).

Application No. 2242/72 filed December 27, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

An electrical generating arrangement comprising a turbo-generator having a turbine with a variable blade-pitch propeller, sensing means operable to produce a signal indicative of the efficiency or power loss of the turbo-generator, and a controlling means operable to control the blade pitch of said propeller at least partially in dependence upon the gain of the turbo-generator between the output signal of the controlling means and the signal produced by said sensing means, in such manner as to make said gain tend to the value zero.

CLASS 24D., I.C.-B60t, 15/00. 137310

TANDEM MASTER CYLINDER FOR HYDRAULIC BRAKING SYSTEMS.

GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

Application No. 61/Cal/73 filed January 9, 1973.

Convention date January 17, 1972 (2202/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A tandem master cylinder for hydraulic braking systems in which a pedal-operated main piston and a floating secondary piston are mechanically coupled by a stem extending axially from the forward end of the main piston and terminating in a head which has limited axial movement in an axial recess in the rear end of the secondary piston, the pistons being urged apart by a spring located between them, and their axial movement towards and away from each other being limited by the mechanical coupling.

CLASS 63B & 172B+C, I.C.-D01G, 5/00. 137311

HO2K, 3/00.

GODETS.

SIEMENS AKTIENGESELLSCHAFT, OF GERLIN AND MUNICH, GERMANY (WEST).

Application No. 470/Cal/73 filed March 2, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A yarn or filament handling apparatus having a godet which comprises an electric motor having a stator portion and a rotor portion, the rotor portion being mounted for rotation about the stator portion and providing the working rim of the godet.

CLASS 128E, I.C.-A61n 3/02, 3/04. 137312

ELECTROCOAGULATION GRASPING FORCEPS FOR TUBE STERILIZATION BY MEANS OF BIPOLAR HIGH FREQUENCY HEAT RADIATION.

DR. HANS-JOACHIM LINDEMANN, OF KLEINER SCHAFERKAMP 54, 2000 HAMBURG 6, W.F.R. GERMANY.

Application No. 528/Cal/73 filed March 9, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Electrocoagulation-forceps for the sterilization of the tube by means of bipolar high frequency heat radiation characterized by two rod-shaped arms (11, 12) which are constructed as electric conductors and insulated against each other at one side and connected to each other at one side via a bow-like handle (13) and arranged in a tubular shell (14) consisting of insulating materials, each arm (11, 12) disposing of devices (18, 19) for the connection to a current source and the free ends of the arms being constructed as jaw-shaped grip-sections (15, 16) which bear insulations and the end sections of which lying opposite each other are free from insulations.

2—117GI/75

CLASS 186E, I.C.-HO4n 9/02.

137313

GAS DISPLAY PANEL FOR COLOUR TELEVISION.

BURROUGHS CORPORATION, AT BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Application No. 1814/Cal/73 filed August 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A display panel for colour television comprising an envelope filled with a gas capable of sustaining cathode glow and of generating ultraviolet light when ionized, at least one cathode electrode and anode electrode disposed within said envelope and adapted to provide cathode glow when operating potentials are applied thereto between said cathode glow generating ultraviolet light, and a quantity of phosphor material disposed outside said envelope but in operative relation with the gas therein and positioned to receive ultraviolet light when said cathode produces cathode glow.

CLASS 14D., I.C.-HO1m 31/02.

137314

IMPROVEMENTS IN AND RELATING TO STORAGE CONTAINERS FOR ELECTROCHEMICAL CELLS.

ENERGY CONVERSION LIMITED, OF PRIESTLEY ROAD, BASINGSTOKE, HAMPSHIRE, ENGLAND.

Application No. 1967/72 filed November 22, 1972.

Convention date December 6, 1971 (56451/71) U.K.

Addition to No. 130306.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A storage container for a metal/oxygen cell as claimed in the parent Indian Patent Application No. 130306 wherein at least one window of the container comprises a laminate of polythylene and polypropylene, said laminate being such as to selectively allow the passage of hydrogen therethrough but substantially prevent the passage of oxygen, carbon dioxide and water vapour.

CLASS 53E, I.C.-B62j 17/04, 17/08.

137315

A TOP-COVER FOR INDIVIDUAL OPERATING RIDERS OF BICYCLES, SCOOTERS AND MOTOR-CYCLES.

MANDAYAM ANANDAMPILLAI PARIYA SARATHY, OF THARANGA, RAJAMAHAL EXTENSION, BANGALORE 560006, MYSORE STATE, INDIA.

Application No. 97/Mas/73 filed July 2, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims.

A top-cover for individually operating riders of bicycle, scooters and motor-cycles, which comprises a top-cover supported by a Y-shaped member, the two top limbs of said member being of a curvilinear shape and the top ends thereof being fastened to the two corners of said top-cover and the bottom end of said member being fastened to the body position between the handle and the seat of the vehicle.

CLASS 32F,+F, a I.C.-C07C 87/54.

137316

PROCESS FOR THE MANUFACTURE OF DIPHENYLAMINE AND SUBSTITUTED DERIVATIVES THEREOF.

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, S.W.1., ENGLAND.

Application No. 1580/72 filed October 5, 1972.

Convention date October 7, 1971 (46731/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims—No drawings.

A process for the manufacture of diphenylamine and substituted derivatives thereof the substituents being selected from methyl, ethyl, chlorine and bromine which comprises passing in vapour form aniline or a methyl, dimethyl, ethyl, chloro or bromoaniline at a temperature between 300°C and 600°C over an alumina catalyst which is treated with boron trifluoride.

CLASS 32F,b. I.C.-CO7d 57/24

137317

PROCESS FOR PREPARING TETRAHYDRO PYRROLO (1, 2-a) PYRAZINE-1 (2H), 4(3H)-DIONES.

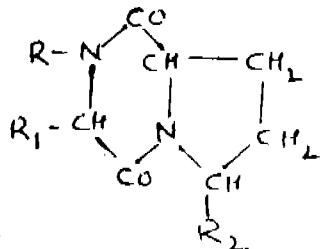
GRUPPO LEPETIT S.P.A. OF 8, VIA ROBERTO LEPETIT, MILAN, ITALY.

Application No. 2270/Cal/73 filed October 12, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

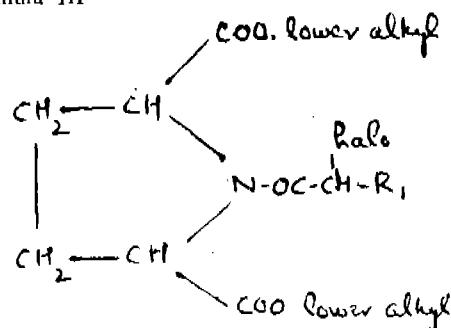
A process for preparing a compound of the formula I.



wherein R is hydrogen, lower alkyl, aryl or aralkyl, R₁ is hydrogen or lower alkyl, R₂ represents

(a) a radical COR₃ wherein R₃ is selected from the group consisting of hydroxy, lower alkoxy,

(b) a radical CH₂R₁ wherein R₁ is selected from hydroxy and lower acyloxy, which comprises reacting a compound of the formula III



with an amine RNH₂ wherein R and R₁ have the same meaning as before and "halo" stands for chloro or bromo in the presence of an acid acceptor in an inert organic solvent at the boiling temperature of the solvent and then, after evaporation of the solvent, at a temperature from about 150 to about 260°C whereby a compound of formula I is obtained wherein R₂ is lower alkoxy which is then converted to the compound wherein R₂ is hydroxy by alkaline hydrolysis and, transforming this compound wherein R₂ is hydroxy to the corresponding carboxylic acid chloride and reacting this latter with a borohydride of a metal of the I or II group and reacting the obtained compound wherein R₂ is hydroxy with an acylating agent such as a lower aliphatic acid chloride.

CLASS 32F,b. I.C.-CO7d 57/24.

137318

PROCESS FOR PREPARING TETRAHYDRO PYRROLO (1, 2-a) PYRAZINE DERIVATIVES.

GRUPPO LEPETIT S.P.A. OF 8, VIA ROBERTO LEPETIT, MILAN, ITALY.

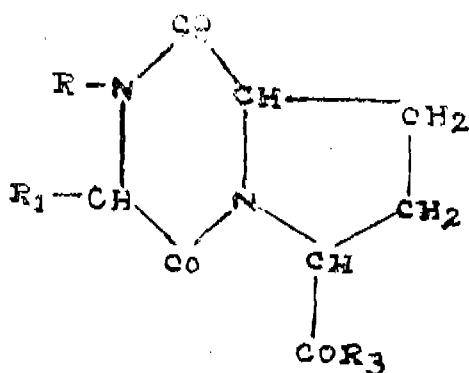
Application No. 136/Cal/75 filed January 22, 1975.

Division of application No. 2270/Cal/73 filed October 12, 1973.

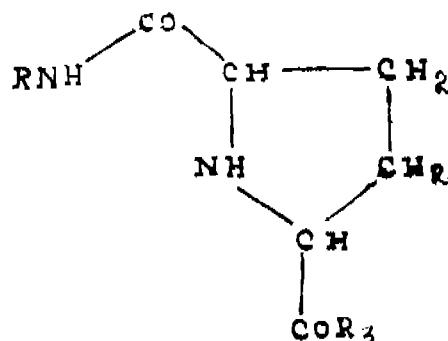
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

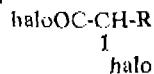
A process for preparing a compound of the formula II.



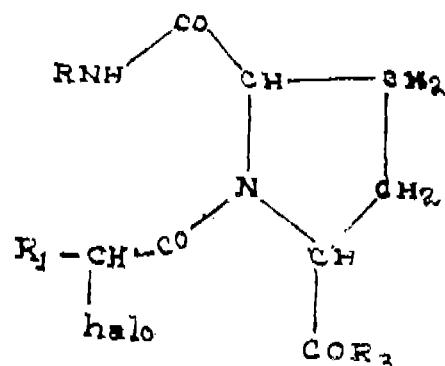
wherein R is hydrogen, lower alkyl, aryl or aralkyl, R₁ is hydrogen or lower alkyl, R₃ is lower alkoxy which comprises reacting a 2-carbamyl-5-carbo (lower alkoxy) pyrrolidine of the formula III,



with an acid halide of the formula



wherein R, R₁ and R₃ have the same meaning as before and "halo" stands for chloro or bromo in an inert organic solvent in the presence of an acid acceptor and then heating the obtained compound of the formula IV.



wherein R, R₁, R₃ and halo have the same meaning as before at a temperature from about 20 to about 100°C in the presence of a strong base.

CLASS 32F,a. I.C.-CO7c, 37/00.

137319

PREPARATION OF PYROCATECHOL DERIVATIVES.

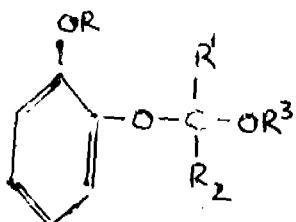
BASF AKTIENGESELLSCHAFT, OF 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

Application No. 2249/Cal/73 filed October 10, 1973.

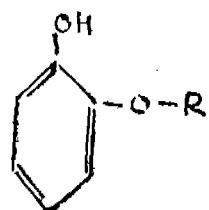
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for producing a pyrocatechol ether of the formula shown in Fig. 1.



where R denotes alkyl which may be substituted by halogen, alkenyl which may be substituted by halogen, alkynyl which may be substituted by halogen, or aralkyl, wherein a pyrocatechol derivative of the formula shown in Fig. 2.



where R has the above meaning, R' denotes hydrogen or lower alkyl, R² denotes benzyl, or lower alkyl which may be substituted by halogen methoxy or ethoxy, R³ denotes lower alkyl, cycloalkyl, β -chloroethyl, alkoxyalkyl, lower alkenyl, lower alkynyl, or acyl, R¹ and R² together with the carbon atom whose substituents they are, and R³ and R⁴ together with the carbon atom and the oxygen atom whose substituents they are denote a 5- or 6-membered ring, is cleaved in an acid medium in a known manner such as herein described.

CLASS 32F.2. I.C.-C07C 51/00. 137320

PROCESS FOR OPTICAL RESOLUTION OF RACEMIC LYSINE SULPHANILATE.

STAMICARBON B. V. OF GELEEN, THE NEITHERLANDS.

Application No. 984/Cal/74 filed May 1, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims—No drawings.

A process for optical resolution of racemic lysine sulphanilate by subjecting a solution containing supersaturated racemic lysine sulphanilate to selective crystallization and separating the lysine sulphanilate crystallized out from the mother liquor, wherein for the selective crystallization step a supersaturated solution is used in which a substance is dissolved which hinders the spontaneous seed formation of a racemic lysine sulphanilate.

CLASS 32C. I.C.-C07C 7/00. 137321

A PROCESS FOR THE PREPARATION OF CRUDE HUMAN CHORIONIC GONADOTROPIN.

DIRECTOR GENERAL, INDIAN COUNCIL OF MEDICAL RESEARCH, ANSARI NAGAR, NEW DELHI-110016, INDIA.

Application No. 2226/Cal/74 filed October 4, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A kaoline acetone extraction method for use in a process of obtaining human chorionic gonadotropin, said extraction method comprising the steps of adjusting human pregnancy urine to have a PH 4.5 and which is shaken with kaoline

and thereafter settled and centrifuged, the kaoline cake obtained from the step of centrifuging being subjected to the step of elution and the pH of the eluate being adjusted to 8.5 followed by further centrifuging, the supernatant obtained from the step of centrifuging being adjusted to have an acidic pH, adding chilled acetone thereto and allowing the mixture to be left under low temperature and the precipitate obtained being finally subjected to the step of washing.

CLASS 126A & 187E. I.C.-HO3f 9/00.

137322

MAGNETIC FIELD EFFECT TRANSISTOR.

DIRECTOR, INDIAN INSTITUTE OF SCIENCE, BANGALORE, MYSORE STATE, INDIA.

Application No. 78/Mas/73 filed June 11, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

9 Claims.

A device being a magnetic field transistor using a controlling magnetic field comprising means to generate a magnetic field between the two magnetic poles, said magnetic poles being connected with each other by a shunt of a high permeable material, means for providing a further magnetic field through the high permeable shunt material, the saturation property of the shunt being utilised such that the magnetic flux in the air gap located between both the magnetic poles can be varied.

CLASS 189. I.C.-A61K 7/16.

137323

A DENTAL COMPOSITION.

COLGATE PALMOLIVE COMPANY, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Application No. 1916/72 filed November 15, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims—No drawings.

A dental composition comprising a dental vehicle containing a liquid portion comprising water and/or humectant and a solid portion including a gelling agent and dispersed therein finely divided particles comprising a matrix of a C₁₀ to C₁₈ saturated fatty acid di- and tri-esters of glycerol and ethylene glycol and incorporated in said particles as an additive a liquid or finely divided solid material suitable for use in a dental composition selected from the group consisting of water-insoluble polishing agents, water-insoluble pigments, preservatives, brightening agents, ammoniated materials, anti bacterial agents, flavorings, fluorine-containing compounds having a beneficial effect on the oral hygiene of the oral cavity and surface active agents; said particles being prepared by liquifying said ester, incorporating said additive therein and spray-cooling the resulting admixture or by cooling a mixture of said ester and said additive; said particles having a microscopic particle size within the range of 100 to 1000 microns.

CLASS 98E. I.C.-F28C 3/14.

137324

ARRANGEMENT FOR HEAT TREATING OF LUMP AND LOOSE MATERIAL.

PREROVSKE STROJIRNY, NARODNI PODNIK OF PREROV, CZECHOSLOVAKIA.

Application No. 732/Cal/73 filed March 30, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

An arrangement for heat treating of lump and loose material comprising a central feeding shaft, with a distributing body situated below the feeding shaft and guiding the stream of the treated material into a single operating shaft, into which the feeding shaft passes over in its lower part,

hollow guiding bodies, open at the bottom being arranged in the lower part of the operating shaft, their lower edges being with a surface which is parallel with the surface of the material which has entered the operating shaft at its angle of repose, said guiding bodies cooperating with inlet tubes for supply of a working gas from a common gas chamber, to which gas chamber a space below the distributing body is also connected, which is provided with openings for the supply of gas into the material and a collecting channel being provided for collecting the gas which has passed through the treated material.

CLASS 72B. I.C.-CO6b.

137325

SLURRY EXPLOSIVE COMPOSITIONS OF MATTER.

ICI AUSTRALIA LIMITED, OF 1 NICHOLSON STREET, MELBOURNE, VICTORIA, AUSTRALIA.

Application No. 1639/Cal/73 filed July 12, 1973.

Convention date July 12, 1972 (PA9673/72) Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims—No drawings.

In a slurry explosive composition of matter comprising at least one oxygen releasing salt; water; and at least one fuel, the combination with said composition of at least one detonation sensitizing material in divided form and comprising at least one metallic component selected from the group consisting of aluminium and alloys rich in aluminium said detonation sensitizing material being characterized in that there is bonded to the surface of at least part of said metallic component at least one further material derived and selected from the group consisting of rosin, resin acids and derivatives thereof and wherein said further material constitutes from 0.01 to 0.2% w/w of said detonation sensitizing material.

CLASS 206H. I.C.-HO4b 7/14.

137326

IMPROVEMENTS IN OR RELATING TO RADIO RELAY SYSTEMS.

SEIMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY

Application No. 1650/Cal/73 filed July 13, 1973.

Convention date February 19, 1973 (7964/73) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A radio relay system in which a multiplex link is formed between a transmitting station and a receiving station via a plurality of adjacent high frequency channel comprising a group, each channel having a respective channel filter in each station connected to an associated circulator that forms part of a cascade of circulators fed by or feeding the associated antenna, the individual channel filter elements of said group being connected in mutually opposite sequences relative to the associated antenna in said receiving station and said transmitting station, and that circulator most remote from its associated antenna in each station being so arranged or connected that the transit time characteristics of their allotted channels are substantially equal to those of the or each central frequency channel.

CLASS 98A. I.C.-BO8 5/02.

137327

RADIATOR FOR LIQUID COOLED INTERNAL COMBUSTION ENGINES, PARTICULARLY FOR AGRICULTURAL MACHINES.

DEERE & COMPANY, OF MOLINE, ILLINOIS, U.S.A.

Application No. 1855/Cal/73 filed August 10, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A radiator for liquid water cooled internal combustion engines including such engines used in agricultural machines wherein means for cleaning the radiator of floating particles consists in pivotally mounting the radiator, means for turning the same and a blower provided between the engine and the said radiator so that by turning the radiator and operating the blower, the floating particles adhering to the radiator can be removed.

OPPOSITION PROCEEDINGS

Opposition entered by The Sarangpur Cotton Manufacturing Company Limited to the grant of a patent on application No. 122626 made by The Ahmedabad Manufacturing and Calico Printing Company Limited has been dismissed.

CORRECTION OF CLERICAL ERROR

(1)

Under Section 78(3) of the Patents Act, 1970, certain clerical errors occurring in the application and specification of Patent Application No. 134577 were corrected on 20th May 1975.

(2)

Under Section 78(3) of the Patents Act, 1970, certain clerical errors occurring in the application and specification of Patent application No. 136066 were corrected on 20th May 1975.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8 Hastings Street, Calcutta, at two rupees per copy:—

(1)

117096	119516	120630	120632	120705	120725	120752
120754	120775	120868	120940	121041	121051	121474
121585	121609	121996	122023	122036	122061	122080
122111	122169	122226	122274	122339	122342	122416
122500	122839	122862	123004	123231	123290	123294
123696	123819	123941	123942	125005	125078	125880

128733

(2)

122850	122942	123043	123050	123336	123368	123639
123651	123677	123932	123954	124074	124134	124139
124184	124186	124241	124246	124296	124372	124489
124565	124577	124651	124941	124949	124956	124976
125278	125279	125284	125758	126079	126203	126423
127286	127302	127397	128195	128637		

(3)

133279	133404	133620	133798	134065	134104	134256
134326	134391	134652	134711	134794	134831	134881
134958	135168	135197	135250	135913	135914	135915
135916	135917	135918	135919	135920	135921	135922
135923	135924	135926	135927	135928	135929	135930
135931	135932	135933	135934	135935	135936	135937

135938 135941 135942 135943 135944 135945 135947
 135948 135949 135950 135951 135952 135953.

PATENTS SEALED

88348 118901 128052 128099 128407 128408 128409
 128724 128970 129232 130747 131646 132504 132847
 133341 134075 134209 134289 134510 134511 134783
 134947 135177 135199 135240 135277 135637 135775
 135830 135877 135922 135946 135961 135962 135983
 135985 135993 136003 136013 136015 136019 136028
 136039 136040 136068 136076 136110 136111 136123
 136204

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT

The Claim made by Mrs. KRISHNA DAS under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 125435 in her name has been allowed.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Standard Brands Incorporated, a Corporation organised under laws of the state of Delaware, United States of America, of 625 Madison Avenue, New York, State of New York, United States of America, have made an application under section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 135585 for "Process for enzymatically isomerizing glucose to fructose". The amendments are by way of amendment of description and claims in the specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

133079.— M/s. B.P. CHEMICALS INTERNATIONAL LIMITED.
 133488.— M/s. G.B. OPTICAL MANUFACTURING CO.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970.

The dates shown in the crescent brackets are the dates of the patents.

No. & Title of the Invention

125013 (27-1-70) Carbonyl compounds containing 2 to 4 C-atoms and method for producing them.
 125043 (28-1-70) Water-soluble metal-containing diazo dyestuffs and process for their manufacture.

125404 (21-2-70) Iodo-methyl sulfones, their preparation and protective coating compositions containing the same.

125453 (24-2-70) Process for the manufacture of binders made from polyester resins and formaldehyde condensates.

125478 (25-2-70) Process for the production of styrene derivatives.

125567 (3-3-70) Process for the production of monoazo dyestuffs and polymers, polycondensates, polyaddition products, printing colours, printing inks, lacquers and coating agents pigmented or dyed therewith.

126390 (27-4-70) Process for the polymerization of olefins.

126470 (1-5-70) A process for concentrating heat sensitive liquids having vaporizable constituents.

126496 (4-5-70) Process for the elimination of ammonia present in Coke-oven.

RENEWAL FEES PAID

71909 71959 72123 72129 72223 72312 72337 72604 72665
 72688 72694 72752 73695 73696 74402 75599 76811 76997
 77071 77081 77245 77314 77412 77416 77521 77780 78274
 82577 82584 82685 82850 82876 82884 82950 82957 83031
 83104 83148 83287 83506 83583 83619 83686 83870 83900
 85904 86999 87617 87905 88316 88320 88337 88396 88733
 88761 88765 88928 89185 89289 89390 89840 89980 93331
 93442 93712 93749 93832 93834 94067 94068 94104 94177
 94195 94196 94254 94450 94465 94489 94624 94646 94710
 94720 94904 94921 99560 99683 99823 99855 99876 99938
 99940 100034 100193 100194 100195 100196 100197 100208
 100209 100210 100215 100242 100243 100302 100343 100346
 100468 100529 100530 100648 100752 103472 105391 105406
 105463 105528 105620 105657 105708 105760 105836 105940
 105947 105954 105995 106036 106145 106224 106273 106304
 106880 107040 107659 108196 108970 109388 109489 109529
 110663 110741 110815 110946 111010 111091 111145 111191
 111192 111230 111264 111324 111338 111373 111596 112003
 112051 112177 113123 114632 115412 115708 115762 115783
 116072 116095 116127 116172 116203 116211 116234 116249
 116363 116407 116432 116515 116611 116643 116875 116976
 116990 117212 119438 120066 120195 120437 121106 121305
 121306 121307 121319 121371 121391 121392 121527 121541
 121606 121607 121613 121658 121666 121714 121737 121807
 121940 121954 121980 122007 122047 122104 122210 122249
 122274 122306 122380 122404 122458 122620 123038 123155
 124894 125213 126068 126091 126216 126240 126327 126793
 126880 126882 126898 126939 126988 127007 127031 127121

127122 127139 127150 127153 127154 127155 127156 127157
 127163 127179 127252 127401 127438 127624 127822 127925
 128255 128412 128587 129079 129432 129469 130768 131192
 131462 131523 131533 131534 131571 131607 131608 131636
 131637 131666 131681 131706 131724 131750 131773 131796
 131829 131865 131891 131896 131912 131943 131995 132003
 132243 132570 133260 133443 133568 133797 134265 134375
 134976 134988 135040 135172 135231 135247 135339 135378
 135381 135384 135385 135445 135459 135657 135666 135681
 135722 135734 135742 135753 135783 135816 135818 135842
 135881 135888 135891 135904 135905 135907 135911 135915
 135917 135919 135939 135952 135954 135967 135974 135979
 135980 135981 135982 135984 135988 135991 135992 136000
 136007 136012 126016 136021 136030 136052 136057 136059
 136062 136083 136084 136107 136156.

CESSATION OF PATENTS

98549 106637 111874 119328 128189 128239 128328 128376
 128380 128410 128443 128452 128536 128547 128549 128579
 128581 128600 128615 128628 128638 128659 128661 128692
 128715 128736 128738 128751 128766 128772 128773 128817
 128827 128842 128846 128859 128865 128867 128897 128906
 128914 128921 128933 128948 128949 128959 128960 129001
 129003 129004 129005 129015 129017 129018 129019 129080
 129094 129102 129110 129163 129169 129173 129190 129191
 129198 129216 129221 129245 129249 129256 129300 129306
 129362 129406 129416.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 115809 granted to Suraj Shamshere Jung Bahadur and Mrs. Hansa Bahadur for an invention relating to "Novel packing material". The patent ceased on the 8th May, 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 26th October, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 21st August, 1975 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

Class 1. Nos. 142825, 142826 & 142827. M. R. & Sons, an Indian Partnership Firm, of 2457, Katra Rajji, Behind G. B. Road, Delhi-110006. Cigarette Lighter. March 24, 1975.

COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS

No. 137501 Class 1.
 S. VEDARAMAN
 Controller-General of Patents,
 .. Designs and Trade Marks